

Payoff profit matrix

	s1	s2	s3	s4	s5
A1	15	10	0	-6	17
A2	3	14	8	9	2
A3	1	5	14	20	-3
A4	7	19	10	2	0

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Multi-Criteria Decision Making

Slide no.: 35

Compare the solutions

- Laplace Criterion
- Minimax Criterion
- Savage (Regret) Criterion
- Hurwicz Criterion ($\alpha=.5$)

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Multi-Criteria Decision Making

Slide no.: 36

- Find saddle point
- Value of the game

	B			
A	8	6	2	8
	8	9	4	5
	7	5	3	5

- Find saddle point
- Value of the game

	B			
A	4	-4	-5	6
	-3	-4	-9	-2
	6	7	-8	-9
	7	3	-9	5

➤ Find a range for P & Q for (2,2) saddle point game

	B			
	1	P	3	
A	Q	5	10	
	6	2	3	